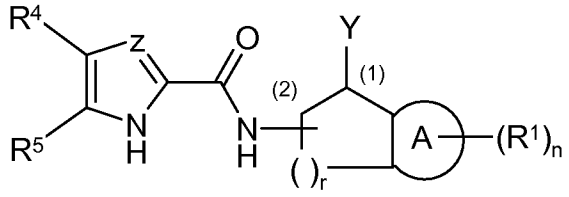
Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (currently amended) A compound of formula (1):



(1)

wherein

Z is CH or nitrogen;

R^4 and R^5 together are –S-C(R^6)=C(R^7)- or –C(R^7)=C(R^6)-S-[[;]] wherein one of R^6 and R^7 is chloro and the other is hydrogen or both R^6 and R^7 are chloro;

~~R^6 and R^7 are independently selected from hydrogen, halo, nitro, cyano, hydroxy, fluoromethyl, difluoromethyl, trifluoromethyl, trifluoromethoxy, carboxy, carbamoyl, C_{1-4}alkyl, C_{2-4}alkenyl, C_{2-4}alkynyl, C_{1-4}alkoxy, and C_{1-4}alkanoyl~~;

A is phenylene or heteroarylene;

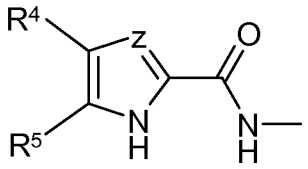
n is 0, 1, or 2;

R^1 is independently selected from halo, nitro, cyano, hydroxy, carboxy, carbamoyl, *N*-C_{1-4}alkylcarbamoyl, *N*,*N*-(C_{1-4}alkyl)$_2$carbamoyl, sulphamoyl, *N*-C_{1-4}alkylsulphamoyl, *N*,*N*-(C_{1-4}alkyl)$_2$sulphamoyl, -S(O)$_b$$C_{1-4}$alkyl (wherein b is 0,1,or 2), C_{1-4}alkyl, C_{2-4}alkenyl, C_{2-4}alkynyl, C_{1-4}alkoxy, C_{1-4}alkanoyl, C_{1-4}alkanoyloxy, hydroxyC_{1-4}alkyl, fluoromethyl, difluoromethyl, trifluoromethyl, and trifluoromethoxy; or

when n is 2, the two R^1 groups, together with the carbon atoms of A to which they are attached, may form a 4- to 7-membered ring, optionally containing 1 or 2 heteroatoms independently selected from O, S, and N, and optionally substituted with one or two methyl groups;

r is 1 or 2;

when r is 1 the group

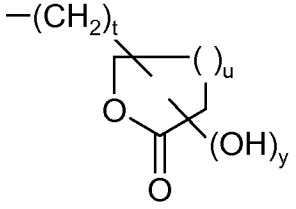


is a substituent on carbon (2);

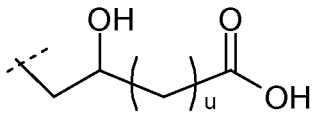
when r is 2 (thereby forming a six-membered ring) the same group is a substituent on carbon (2) or on carbon (3);

Y is $–NR^2R^3$ or $-OR^3$;

R^2 and R^3 are independently selected from hydrogen, hydroxy, C_{1-4}alkoxy, C_{1-4}alkanoyl, carbamoyl, C_{3-7}cycloalkyl (optionally substituted with 1 or 2 hydroxy groups), cyano(C_{1-4})alkyl, heterocyclyl, aryl, C_{1-4}alkyl [optionally substituted with 1 or 2 R^8 groups], $-COR^8$, $–SO_bR^8$ (wherein b is 0, 1, or 2), and groups of the formulae B and B':



(B)



(B')

wherein y is 0 or 1, t is 0, 1, 2, or 3 and u is 1 or 2;

provided that the hydroxy group is not a substituent on the ring carbon adjacent to the ring oxygen; or

NR^2R^3 may form a 4- to 7-membered saturated, partially saturated, or unsaturated ring, optionally containing 1, 2, or 3 additional heteroatoms independently selected from N, O, and S, wherein any $-CH_2-$ may optionally be replaced by –C(=O)-, and any N or S atom may optionally be oxidised to form an N-oxide, SO, or SO_2 group respectively, and the ring is optionally substituted with 1 or 2 substituents independently selected from halo, cyano, C_{1-4}alkyl, hydroxy, C_{1-4}alkoxy, and C_{1-4}alkyl$S(O)_b$- (wherein b is 0, 1, or 2);

R^8 is independently selected from hydrogen, hydroxy, C_{1-4}alkyl, C_{2-4}alkenyl, C_{1-4}alkoxy, cyano(C_{1-4})alkyl, amino(C_{1-4})alkyl [optionally substituted on nitrogen with 1 or 2 groups selected from C_{1-4}alkyl, hydroxy, hydroxy(C_{1-4})alkyl, dihydroxy(C_{1-4})alkyl, $-CO_2C_{1-4}$alkyl, aryl, and aryl(C_{1-4})alkyl], halo(C_{1-4})alkyl, dihalo(C_{1-4})alkyl, trihalo(C_{1-4})alkyl, hydroxy(C_{1-4})alkyl, dihydroxy(C_{1-4})alkyl, C_{1-4}alkoxyC_{1-4}alkoxy, C_{1-4}alkoxyC_{1-4}alkyl, hydroxyC_{1-4}alkoxy, 5- and 6-membered cyclic acetals and mono- and di-methyl derivatives thereof, aryl, heterocyclyl, (heterocyclyl)C_{1-4}alkyl, C_{3-7}cycloalkyl (optionally substituted with 1 or 2 hydroxy groups, C_{1-4}alkyl, or $-C(O)OC_{1-4}$alkyl), C_{1-4}alkanoyl, C_{1-4}alkyl$S(O)_b$- (wherein b is 0, 1, or 2), C_{3-6}cycloalkyl$S(O)_b$- (wherein b is 0, 1, or 2), aryl$S(O)_b$- (wherein b is 0, 1, or 2), heterocyclyl$S(O)_b$- (wherein b is 0, 1, or 2), benzyl$S(O)_b$- (wherein b is 0, 1, or 2), C_{1-4}alkyl$S(O)_c$(C_{1-4})alkyl (wherein c is 0, 1, or 2), $-N(OH)CHO$, $-C(=N-OH)NH_2$, $-C(=N-OH)NHC_{1-4}$alkyl, $-C(=N-OH)N(C_{1-4}alkyl)_2$, $-C(=N-OH)NHC_{3-6}$cycloalkyl, $-C(=N-OH)N(C_{3-6}cycloalkyl)_2$, $-COCOOR^9$, $-C(O)N(R^9)(R^{10})$,

-NHC(O)R^9 , -C(O)NHSO$_2$(C_{1-4}alkyl), -NHSO$_2R^9$, (R^9)(R^{10})NSO$_2$-, -COCH$_2$OR^{11}, (R^9)(R^{10})N-, -COOR^9, -CH$_2$OR^9, –CH$_2$COOR^9, –CH$_2$OCOR^9, -CH$_2$CH(CO$_2R^9$)OH, –CH$_2$C(O)NR^9R^{10}, -(CH$_2$)$_w$CH(NR^9R^{10})CO$_2R^{9'}$ (wherein w is 1, 2, or 3), and -(CH$_2$)$_w$CH(NR^9R^{10})CO(N$R^{9'}R^{10'}$) (wherein w is 1, 2, or 3);

R^9, $R^{9'}$, R^{10}, and $R^{10'}$ are independently selected from hydrogen, hydroxy, C_{1-4}alkyl (optionally substituted with 1 or 2 R^{13}), C_{2-4}alkenyl, C_{3-7}cycloalkyl (optionally substituted with 1 or 2 hydroxy groups), cyano(C_{1-4})alkyl, trihaloalkyl, aryl, heterocyclyl, heterocyclyl(C_{1-4}alkyl), and -C(=O)O(C_{1-4})alkyl; or

R^9 and R^{10} together with the nitrogen to which they are attached, or $R^{9'}$ and $R^{10'}$ together with the nitrogen to which they are attached, form a 4- to 6-membered ring where the ring is optionally substituted on carbon with 1 or 2 substituents independently selected from oxo, hydroxy, carboxy, halo, nitro, cyano, carbonyl, C_{1-4}alkoxy, and heterocyclyl; or the ring may be optionally substituted on two adjacent carbons with –O-CH$_2$-O- to form a cyclic acetal wherein one or both of the hydrogens of the -O-CH$_2$-O- group may be replaced by a methyl;

R^{13} is selected from halo, trihalomethyl, and C_{1-4}alkoxy; and

R^{11} is independently selected from hydrogen, C_{1-4}alkyl, and hydroxyC_{1-4}alkyl;

or a pharmaceutically acceptable salt or pro-drug thereof;

with the proviso that the compound of formula (1) is not

i) 2,3-dichloro-5-(*N*-{1-[*N*-(1,1-dimethylethoxy)carbonylamino]indan-2-yl}carbamoyl)-4*H*-thieno[3,2-*b*]pyrrole;

ii) 5-[*N*-(1-aminoindan-2-yl)carbamoyl]-2,3-dichloro-4*H*-thieno[3,2-*b*]pyrrole;

iii) 5-[*N*-(1-acetamidoindan-2-yl)carbamoyl]-2,3-dichloro-4*H*-thieno[3,2-*b*]pyrrole;

iv) 2,3-dichloro-5-{*N*-[1-(methanesulphonamido)indan-2-yl]carbamoyl}-4*H*-thieno[3,2-*b*]pyrrole;

v) 2,3-dichloro-5-{*N*-[1-(methylamino)indan-2-yl]carbamoyl}-4*H*-thieno[3,2-b]pyrrole;

vi) 2,3-dichloro-5-{*N*-[1-(methylacetamido)indan-2-yl]carbamoyl}-4*H*-thieno[3,2-*b*]pyrrole;

vii) 2,3-dichloro-5-[*N*-(1-hydroxyindan-2-yl)carbamoyl]-4*H*-thieno[3,2-*b*]pyrrole;

viii) 2-chloro-5-[*N*-(1-hydroxyindan-2-yl)carbamoyl]-6*H*-thieno[2,3-*b*]pyrrole ~~2-chloro-5-[*N*-(1-hydroxyindan-2-yl)carbamoyl-6*H*-thieno[2,3-*b*]pyrrole~~;

ix) 2,3-dichloro-5-[*N*-(6-fluoro-1-hydroxyindan-2-yl)carbamoyl]-4*H*-thieno[3,2-*b*]pyrrole ~~2,3-dichloro-5-[*N*-(6-fluoro-1-hydroxyindan-2-yl)carbamoyl-4*H*-thieno[3,2-*b*]pyrrole~~;

x) 2,3-dichloro-5-[*N*-(1-methoxyindan-2-yl)carbamoyl]-4*H*-thieno[3,2-*b*]pyrrole ~~2,3-dichloro-5-[*N*-(1-methoxyindan-2-yl)carbamoyl-4*H*-thieno[3,2-*b*]pyrrole~~; or

xi) 2,3-dichloro-5-[N-(1-hydroxy-1,2,3,4-tetrahydronaphth-2-yl)carbamoyl]-4*H*-thieno[3,2-*b*]pyrrole.

2. (original) A compound of claim 1, wherein

R^2 and R^3 are independently selected from hydrogen, hydroxy, C_{1-4}alkyl [optionally substituted with 1 or 2 R^8 groups], C_{3-7}cycloalkyl (optionally substituted with 1 or 2 hydroxy groups), cyano(C_{1-4})alkyl, phenyl, morpholino, morpholinyl, piperidino, piperidyl, pyridyl, pyranyl, pyrrolyl, imidazolyl, thiazolyl, thienyl, thiadiazolyl, piperazinyl, isothiazolidinyl, 1,3,4-triazolyl, tetrazolyl, pyrrolidinyl, thiomorpholino, pyrrolinyl, homopiperazinyl, 3,5-dioxapiperidinyl, pyrimidyl, pyrazinyl, pyridazinyl, pyrazolyl, pyrazolinyl, isoxazolyl, 4-oxopydridyl, 2-oxopyrrolidyl, 4-oxothiazolidyl, furyl, thienyl, oxazolyl, 1,3,4-oxadiazolyl, and 1,2,4-oxadiazolyl, tetrahydrothiopyranyl, 1-oxotetrahydrothiopyranyl, 1,1-dioxotetrahydrothiopyranyl, -COR^8, and –SO_bR^8 (wherein b is 0, 1, or 2);

R^8 is independently selected from hydrogen, hydroxy, C_{1-4}alkoxy, C_{1-4}alkoxyC_{1-4}alkyl, C_{1-4}alkoxyC_{1-4}alkoxy, hydroxyC_{1-4}alkoxy, C_{1-4}alkyl, amino(C_{1-4})alkyl [optionally substituted on nitrogen with 1 or 2 groups selected from C_{1-4}alkyl, hydroxy(C_{1-4})alkyl, dihydroxy(C_{1-4})alkyl, -CO_2C_{1-4}alkyl, aryl, and aryl(C_{1-4})alkyl], C_{2-4}alkenyl, C_{3-7}cycloalkyl (optionally substituted with -C(O)OC_{1-4}alkyl), 5- and 6-membered cyclic acetals and mono- and di-methyl derivatives thereof, halo(C_{1-4})alkyl, dihalo(C_{1-4})alkyl, trihalo(C_{1-4})alkyl, hydroxy(C_{1-4})alkyl, dihydroxy(C_{1-4})alkyl, cyano(C_{1-4})alkyl, heterocyclyl, heterocyclylC_{1-4}alkyl, aryl, C_{1-4}alkyl$S(O)_b$- (wherein b is 0, 1, or 2), C_{3-6}cycloalkyl$S(O)_b$- (wherein b is 0, 1, or 2), aryl$S(O)_b$- (wherein b is 0, 1, or 2), heterocyclyl$S(O)_b$- (wherein b is 0, 1, or 2), benzyl$S(O)_b$- (wherein b is 0, 1, or 2), C_{1-4}alkyl$S(O)_c(C_{1-4})$alkyl (wherein c is 0, 1, or 2), -$CH_2CH(NR^9R^{10})CO(NR^{9'}R^{10'})$, -$CH_2OR^9$, $(R^9)(R^{10})$N-, –$COOR^9$, –CH_2COOR^9 , -C(O)N(R^9)(R^{10}), -$CH_2CH(CO_2R^9)OH$, –$CH_2CONR^9R^{10}$, -$CH_2CH(NR^9R^{10})CO_2R^{9'}$, and–$CH_2OCOR^9$;

R^9, $R^{9'}$, R^{10}, and $R^{10'}$ are independently selected from hydrogen, C_{1-4}alkyl (optionally substituted with 1 or 2 R^{13}), C_{3-7}cycloalkyl (optionally substituted with 1 or 2 hydroxy groups), -C(=O)O^{t}Bu, C_{2-4}alkenyl, cyano(C_{1-4})alkyl, and phenyl (optionally substituted with 1 or 2 groups selected from nitro, halo, hydroxy, and cyano); or

R^9 and R^{10} together with the nitrogen to which they are attached, or $R^{9'}$ and $R^{10'}$ together with the nitrogen to which they are attached, form a 4- to 6-membered ring where the ring is optionally substituted on carbon with 1 or 2 substituents independently selected from oxo, hydroxy,

carboxy, halo, nitro, cyano, carbonyl, and C_{1-4}alkoxy; or the ring may be optionally substituted on two adjacent carbons with –O-CH_2-O- to form a cyclic acetal wherein one or both of the hydrogens of the -O-CH_2-O- group may be replaced by a methyl; and
R^{13} is selected from halo, trihalomethyl, and C_{1-4}alkoxy;
or a pharmaceutically acceptable salt or in-vivo hydrolysable ester thereof.

3. (original) A compound of claim 1, wherein
R^2 and R^3 are independently selected from hydrogen, C_{1-4}alkyl [optionally substituted with 1 or 2 R^8 groups], -COR^8, and –SO_bR^8 (wherein b is 0, 1, or 2);
R^8 is independently selected from hydrogen, hydroxy, C_{1-4}alkoxy, C_{1-4}alkoxyC_{1-4}alkyl, C_{1-4}alkyl, amino(C_{1-4})alkyl [optionally substituted on nitrogen with 1 or 2 groups selected from C_{1-4}alkyl, hydroxy(C_{1-4})alkyl, dihydroxy(C_{1-4})alkyl, -CO_2C_{1-4}alkyl, phenyl, and aryl(C_{1-4})alkyl], C_{2-4}alkenyl, C_{3-7}cycloalkyl (optionally substituted with -C(O)OC_{1-4}alkyl), 5- and 6-membered cyclic acetals and mono- and di-methyl derivatives thereof, halo(C_{1-4})alkyl, trihalo(C_{1-4})alkyl, hydroxy(C_{1-4})alkyl, dihydroxy(C_{1-4})alkyl, cyano(C_{1-4})alkyl, furyl (optionally substituted on carbon with 1 or 2 nitro groups), thienyl (optionally substituted on carbon with 1 or 2 nitro groups), morpholino, furyl(C_{1-4})alkyl (wherein furyl is optionally substituted on carbon with 1 or 2 nitro groups), thienyl(C_{1-4})alkyl (wherein thienyl is optionally substituted on carbon with 1 or 2 nitro groups), 1,2,4-oxadiazolyl, tetrazolyl, imidazolyl, pyrrolidinyl, piperidyl, pyridyl, tetrahydrofuryl, tetrahydropyranyl, 1-oxo-tetrahydrothiopyranyl, tetrahydrothienyl, phenyl (optionally substituted with 1 or 2 groups selected from nitro, halo, cyano, hydroxy, and C_{1-4}alkyl), pyrazinyl, piperazinyl, 4-methylpiperazino, C_{1-4}alkyl$S(O)_b$- (wherein b is 0, 1, or 2), C_{3-6}cycloalkyl$S(O)_b$- (wherein b is 0, 1, or 2), aryl$S(O)_b$- (wherein b is 0, 1, or 2), heterocyclyl$S(O)_b$- (wherein b is 0, 1, or 2 -$CH_2CH(NR^9R^{10})CO(NR^{9'}R^{10'})$, -$CH_2OR^9$, $(R^9)(R^{10})N$-, –$COOR^9$, –CH_2COOR^9 , -C(O)N$(R^9)(R^{10})$, -$CH_2CH(CO_2R^9)OH$, –$CH_2CONR^9R^{10}$, -$CH_2CH(NR^9R^{10})CO_2R^{9'}$, and -$CH_2OCOR^9$; and
R^9, $R^{9'}$, R^{10} and $R^{10'}$ are independently selected from hydrogen, C_{1-4}alkyl (optionally substituted with 1 or 2 hydroxy groups), C_{2-4}alkenyl, and phenyl (optionally substituted with 1 or 2 groups selected from nitro, halo, hydroxy, and cyano);
or a pharmaceutically acceptable salt or in-vivo hydrolysable ester thereof.

4. (original) A compound of claim 1, wherein Y is NR^2R^3, or a pharmaceutically acceptable salt or in-vivo hydrolysable ester thereof.

5. (original) A compound of claim 1, wherein Y is OR^3, or a pharmaceutically acceptable salt or in-vivo hydrolysable ester thereof.

6. (original) A compound of claim 1, wherein R^4 and R^5 together are $-S-C(R^6)=C(R^7)-$, or a pharmaceutically acceptable salt or in-vivo hydrolysable ester thereof.

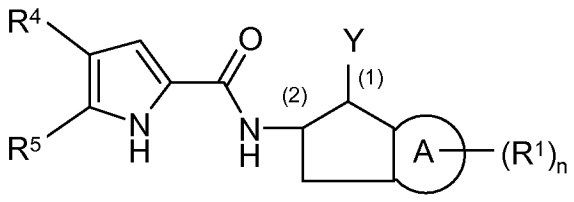
7. (original) A compound of claim 1, wherein R^4 and R^5 together are $-C(R^7)=C(R^6)-S-$, or a pharmaceutically acceptable salt or in-vivo hydrolysable ester thereof.

8. (original) A compound of claim 1, wherein A is phenylene, or a pharmaceutically acceptable salt or in-vivo hydrolysable ester thereof.

9. (original) A compound of claim 1, wherein A is heteroarylene, or a pharmaceutically acceptable salt or in-vivo hydrolysable ester thereof.

10. (original) A compound of claim 1, wherein Z is CH, or a pharmaceutically acceptable salt or in-vivo hydrolysable ester thereof.

11. (original) A compound of claim 1, which is a compound of formula (1B)



(1B)

or a pharmaceutically acceptable salt or an in-vivo hydrolysable ester thereof.

12. (currently amended) A compound of claim 1, selected from
2,3-dichloro-*N*-[(1*R*,2*R*)-1-(formylamino)-2,3-dihydro-1*H*-inden-2-yl]-4*H*-thieno[3,2-*b*]pyrrole-5-carboxamide;
2,3-dichloro-*N*-((1*R*,2*R*)-1-{[(methyloxy)acetyl]amino}-2,3-dihydro-1*H*-inden-2-yl)-4*H*-thieno[3,2-*b*]pyrrole-5-carboxamide;
~~*N*-((1*S*,2*S*)-1-{[(3(*R*)-3-(*tert*-butoxycarbonylamino)-3-carbamoylpropanoyl]amino}-2,3-dihydro-1*H*-inden-2-yl)-2,3-dichloro-4*H*-thieno[3,2-*b*]pyrrole-5-carboxamide;~~

N-((1*S*,2*S*)-1-{[(3*R*)-3-(*tert*-butoxycarbonylamino)-3-carbamoylpropanoyl]amino}-2,3-dihydro-1*H*-inden-2-yl)-2,3-dichloro-4*H*-thieno[3,2-*b*]pyrrole-5-carboxamide;

2,3-dichloro-*N*-[(1*R*,2*R*)-1-({[(4*R*)-2,2-dimethyl-5-oxo-1,3-dioxolan-4-yl]acetyl}amino)-2,3-dihydro-1*H*-inden-2-yl]-4*H*-thieno[3,2-*b*]pyrrole-5-carboxamide;

2,3-dichloro-*N*-{(1*R*,2*R*)-1-[(3-methoxypropanoyl)amino]-2,3-dihydro-1*H*-inden-2-yl}-4*H*-thieno[3,2-*b*]pyrrole-5-carboxamide;

N-{(1*R*,2*R*)-1-[(2-acetoxyacetyl)amino]-2,3-dihydro-1*H*-inden-2-yl}-2,3-dichloro-4*H*-thieno[3,2-*b*]pyrrole-5-carboxamide;

N-{(1*R*,2*R*)-1-[(2-carbamoylacetyl)amino]-2,3-dihydro-1*H*-inden-2-yl}-2,3-dichloro-4*H*-thieno[3,2-*b*]pyrrol-5-carboxamide;

2,3-dichloro-*N*-{(1*R*,2*R*)-1-[(trifluoroacetyl)amino]-2,3-dihydro-1*H*-inden-2-yl}-4*H*-thieno[3,2-*b*]pyrrole-5-carboxamide;

2,3-dichloro-*N*-{(1*S*,2*S*)-1-[(furan-2-ylcarbonyl)amino]-2,3-dihydro-1*H*-inden-2-yl}-4*H*-thieno[3,2-*b*]pyrrole-5-carboxamide;

2,3-dichloro-*N*-{(1*S*,2*S*)-1-[(furan-3-ylcarbonyl)amino]-2,3-dihydro-1*H*-inden-2-yl}-4*H*-thieno[3,2-*b*]pyrrole-5-carboxamide;

2,3-dichloro-*N*-{(1*S*,2*S*)-1-[(3-thienylcarbonyl)amino]-2,3-dihydro-1*H*-inden-2-yl}-4*H*-thieno[3,2-*b*]pyrrole-5-carboxamide;

2,3-dichloro-*N*-((1*S*,2*S*)-1-{[(5-nitrofuran-2-yl)carbonyl]amino}-2,3-dihydro-1*H*-inden-2-yl)-4*H*-thieno[3,2-*b*]pyrrole-5-carboxamide;

2,3-dichloro-*N*-{(1S,2S)-1-[(pyridin-3-ylcarbonyl)amino]-2,3-dihydro-1*H*-inden-2-yl}-4*H*-thieno[3,2-*b*]pyrrole-5-carboxamide;

N-[(1*S*,2*S*)-1-(acryloylamino)-2,3-dihydro-1*H*-inden-2-yl]-2,3-dichloro-4*H*-thieno[3,2-*b*]pyrrole-5-carboxamide;

2,3-dichloro-*N*-((1*S*,2*S*)-1-{[(3-hydroxyphenyl)carbonyl]amino}-2,3-dihydro-1*H*-inden-2-yl)-4*H*-thieno[3,2-*b*]pyrrole-5-carboxamide;

N-[(1*S*,2*S*)-1-(acetylamino)-2,3-dihydro-1*H*-inden-2-yl]-2,3-dichloro-4*H*-thieno[3,2-*b*]pyrrole-5-carboxamide;

N-[(1*S*,2*S*)-1-[(2-carboxyacetyl)amino]-2,3-dihydro-1*H*-inden-2-yl]-2,3-dichloro-4*H*-thieno[3,2-*b*]pyrrole-5-carboxamide;

2,3-dichloro-*N*-((1*S*,2*S*)-1-{[(dimethylamino)carbonyl]amino}-2,3-dihydro-1*H*-inden-2-yl)-4*H*-thieno[3,2-*b*]pyrrole-5-carboxamide;

2,3-dichloro-*N*-((1*S*,2*S*)-1-{[(4-methylpiperazin-1-yl)carbonyl]amino}-2,3-dihydro-1*H*-inden-2-yl)-4*H*-thieno[3,2-*b*]pyrrole-5-carboxamide;

2,3-dichloro-*N*-((1*S*,2*S*)-1-{[(ethylamino)carbonyl]amino}-2,3-dihydro-1*H*-inden-2-yl)-4*H*-thieno[3,2-*b*]pyrrole-5-carboxamide;

2,3-dichloro-*N*-((1*S*,2*S*)-1-{[(prop-2-en-1-ylamino)carbonyl]amino}-2,3-dihydro-1*H*-inden-2-yl)-4*H*-thieno[3,2-*b*]pyrrole-5-carboxamide;

2,3-dichloro-*N*-[(1*S*,2*S*)-1-({[(3,5-dinitrophenyl)amino]carbonyl}amino)-2,3-dihydro-1*H*-inden-2-yl]-4*H*-thieno[3,2-*b*]pyrrole-5-carboxamide;

2,3-dichloro-*N*-[(1*S*,2*S*)-1-(formylamino)-2,3-dihydro-1*H*-inden-2-yl]-4*H*-thieno[3,2-*b*]pyrrole-5-carboxamide;

N-{(1*R*,2*R*)-1-[((3*R*)-3-amino-3-carbamoylpropanoyl)amino]-2,3-dihydro-1*H*-inden-2-yl}-2,3-dichloro-4*H*-thieno[3,2-*b*]pyrrole-5-carboxamide;

~~*N*-(1*R*,2*R*)-1-[((3R)-3-carboxy-3-hydroxypropanoyl)amino]-2,3-dihydro-1*H*-inden-2-yl}-2,3-dichloro-4*H*-thieno[3,2-*b*]pyrrole-5-carboxamide;~~

N-{(1*R*,2*R*)-1-[((3R)-3-carboxy-3-hydroxypropanoyl)amino]-2,3-dihydro-1*H*-inden-2-yl}-2,3-dichloro-4*H*-thieno[3,2-*b*]pyrrole-5-carboxamide;

2,3-dichloro-*N*-{(1*R*,2*R*)-1-[(hydroxyacetyl)amino]-2,3-dihydro-1*H*-inden-2-yl}-4*H*-thieno[3,2-*b*]pyrrole-5-carboxamide;

2,3-dichloro-*N*-{(1*S*,2*S*)-1-[(methylsulfonyl)amino]-2,3-dihydro-1*H*-inden-2-yl}-4*H*-thieno[3,2-*b*]pyrrole-5-carboxamide;

2,3-dichloro-*N*-{(1*S*,2*S*)-1-[methyl(morpholin-4-ylacetyl)amino]-2,3-dihydro-1*H*-inden-2-yl}-4*H*-thieno[3,2-*b*]pyrrole-5-carboxamide;

N-{(1*R*,2*R*)-1-[(2-amino-2-oxoethyl)amino]-2,3-dihydro-1*H*-inden-2-yl}-2,3-dichloro-4*H*-thieno[3,2-*b*]pyrrole-5-carboxamide;

~~*N*-(1*R*,2*R*)-1-[(tert-butoxycarbonylmethyl)amino]-2,3-dihydro-1*H*-inden-2-yl}-2,3-dichloro-4*H*-thieno[3,2-*b*]pyrrole-5-carboxamide;~~

N-{(1*R*,2*R*)-1-[(tert-butoxycarbonylmethyl)amino]-2,3-dihydro-1*H*-inden-2-yl}-2,3-dichloro-4*H*-thieno[3,2-*b*]pyrrole-5-carboxamide;

N-[(1*R*,2*R*)-1-(carboxymethylamino)-2,3-dihydro-1*H*-inden-2-yl]-2,3-dichloro-4*H*-thieno[3,2-*b*]pyrrole-5-carboxamide;

~~*N*-(1*R*,2*R*)-1-[*N*-acetyl-*N*-(carboxymethyl)amino]-2,3-dihydro-1*H*-inden-2-yl}-2,3-dichloro-4*H*-thieno[3,2-*b*]pyrrole-5-carboxamide;~~

N-{(1*R*,2*R*)-1-[*N*-acetyl-*N*-(carboxymethyl)amino]-2,3-dihydro-1*H*-inden-2-yl}-2,3-dichloro-4*H*-thieno[3,2-*b*]pyrrole-5-carboxamide;

N-{(*1R,2R*)-1-[acetyl(2-amino-2-oxoethyl)amino]-2,3-dihydro-1*H*-inden-2-yl}-2,3-dichloro-4*H*-thieno[3,2-*b*]pyrrole-5-carboxamide;

N-{(1*R*,2*R*)-1-[*N*-(carboxymethyl)-*N*-(hydroxyacetyl)amino]-2,3-dihydro-1*H*-inden-2-yl}-2,3-dichloro-4*H*-thieno[3,2-*b*]pyrrole-5-carboxamide;

2-chloro-*N*-[(1*R*,2*R*)-1-({[(2*S*)-5-oxotetrahydrofuran-2-yl]carbonyl}amino)-2,3-dihydro-1*H*-inden-2-yl]-6*H*-thieno[2,3-*b*]pyrrole-5-carboxamide;

2-chloro-*N*-[(1*R*,2*R*)-1-(formylamino)-2,3-dihydro-1*H*-inden-2-yl]-6*H*-thieno[2,3-*b*]pyrrole-5-carboxamide;

2-chloro-*N*-{(1*R*,2*R*)-1-[(methoxyacetyl)amino]-2,3-dihydro-1*H*-inden-2-yl}-6*H*-thieno[2,3-*b*]pyrrole-5-carboxamide;

N-[(1*R*,2*R*)-1-(acetylamino)-2,3-dihydro-1*H*-inden-2-yl]-2-chloro-6*H*-thieno[2,3-*b*]pyrrole-5-carboxamide;

2-chloro-*N*-{(1*R*,2*R*)-1-[(3-methoxypropanoyl)amino]-2,3-dihydro-1*H*-inden-2-yl}-6*H*-thieno[2,3-*b*]pyrrole-5-carboxamide;

N-{(1*R*,2*R*)-1-[(2-acetoxyacetyl)amino]-2,3-dihydro-1*H*-inden-2-yl}-2-chloro-6*H*-thieno[2,3-*b*]pyrrole-5-carboxamide;

~~*N*-((1*S*,2*S*)-1-{[(2(*S*)-2-(*tert*-butoxycarbonylamino)-2-carbamoylacetyl]amino}-2,3-dihydro-1*H*-inden-2-yl)-2-chloro-6*H*-thieno[2,3-*b*]pyrrole-5-carboxamide;~~

N-((1*R*,2*R*)-1-{[(3*R*)-3-(*tert*-butoxycarbonylamino)-3-carbamoylpropanoyl]amino}-2,3-dihydro-1*H*-inden-2-yl)-2-chloro-6*H*-thieno[2,3-*b*]pyrrole-5-carboxamide;

~~*N*-{(1*S*,2*S*)-1-[(2-(*tert*-butoxycarbonylamino)acetylamino]-2,3-dihydro-1*H*-inden-2-yl}-2-chloro-6*H*-thieno[2,3-*b*]pyrrole-5-carboxamide;~~

N-{(1*R*,2*R*)-1-[2-(*tert*-butoxycarbonylamino)acetylamino]-2,3-dihydro-1*H*-inden-2-yl}-2-chloro-6*H*-thieno[2,3-*b*]pyrrole-5-carboxamide;

~~*N*-{(1*R*,2*R*)-1-[2-carbamoylacetyl)amino]-2,3-dihydro-1*H*-inden-2-yl}-2-chloro-6*H*-thieno[2,3,*b*]pyrrole-5-carboxamide;~~

N-{(1*R*,2*R*)-1-[(2-carbamoylacetyl)amino]-2,3-dihydro-1*H*-inden-2-yl}-2-chloro-6*H*-thieno[2,3-*b*]pyrrole-5-carboxamide;

~~*N*-{(1*R*,2*R*)-1-[2-(tert-butoxycarbonyl)acetylamino]-2,3-dihydro-1*H*-inden-2-yl}-2-chloro-6*H*-thieno[2,3,*b*]pyrrole-5-carboxamide;~~

N-{(1*R*,2*R*)-1-[2-(tert-butoxycarbonyl)acetylamino]-2,3-dihydro-1*H*-inden-2-yl}-2-chloro-6*H*-thieno[2,3-*b*]pyrrole-5-carboxamide;

2-chloro-*N*-((1*R*,2*R*)-1-{[3-hydroxy-2-(hydroxymethyl)propanoyl]amino}-2,3-dihydro-1*H*-inden-2-yl)-6*H*-thieno[2,3-*b*]pyrrole-5-carboxamide;

N-{(1*R*,2*R*)-1-[((3*R*)-3-amino-3-carbamoylpropanoyl)amino]-2,3-dihydro-1*H*-inden-2-yl}-2-chloro-6*H*-thieno[2,3-*b*]pyrrole-5-carboxamide;

N-{(1*R*,2*R*)-1-[(aminoacetyl)amino]-2,3-dihydro-1*H*-inden-2-yl}-2-chloro-6*H*-thieno[2,3-*b*]pyrrole-5-carboxamide;

~~2-chloro-*N*-[(1*R*,2*R*)-1-({[(2-hydroxyethyl)(phenylmethyl)amino]acetyl}amino)-2,3-dihydro-1*H*-inden-2-yl)-6*H*-thieno[2,3-*b*]pyrrole-5-carboxamide;~~

2-chloro-*N*-[(1*R*,2*R*)-1-({[(2-hydroxyethyl)(phenylmethyl)amino]acetyl}amino)-2,3-dihydro-1*H*-inden-2-yl]-6*H*-thieno[2,3-*b*]pyrrole-5-carboxamide;

2-chloro-*N*-{(1*R*,2*R*)-1-[(morpholin-4-ylacetyl)amino]-2,3-dihydro-1*H*-inden-2-yl}-6*H*-thieno[2,3-*b*]pyrrole-5-carboxamide;

2-chloro-*N*-((1*R*,2*R*)-1-({[(2-hydroxyethyl)(methyl)amino]acetyl}amino)-2,3-dihydro-1*H*-inden-2-yl)-6*H*-thieno[2,3-*b*]pyrrole-5-carboxamide;

N-((1*R*,2*R*)-1-({[bis(2-hydroxyethyl)amino]acetyl}amino)-2,3-dihydro-1*H*-inden-2-yl)-2-chloro-6*H*-thieno[2,3-*b*]pyrrole-5-carboxamide;

2-chloro-*N*-((1*R*,2*R*)-1-({[ethyl(2-hydroxyethyl)amino]acetyl}amino)-2,3-dihydro-1*H*-inden-2-yl)-6*H*-thieno[2,3-*b*]pyrrole-5-carboxamide;

2-chloro-*N*-((1*R*,2*R*)-1-({[(2,3-dihydroxypropyl)(methyl)amino]acetyl}amino)-2,3-dihydro-1*H*-inden-2-yl)-6*H*-thieno[2,3-*b*]pyrrole-5-carboxamide;

N-((1*R*,2*R*)-1-({[bis(2-hydroxypropyl)amino]acetyl}amino)-2,3-dihydro-1*H*-inden-2-yl)-2-chloro-6*H*-thieno[2,3-*b*]pyrrole-5-carboxamide;

N-{(1*R*,2*R*)-1-[(2-amino-2-oxoethyl)amino]-2,3-dihydro-1*H*-inden-2-yl}-2-chloro-6*H*-thieno[2,3-*b*]pyrrole-5-carboxamide;

~~*N*-[(1*R*,2*R*)-1-[(tert-butoxycarbonylmethyl)amino]-2,3-dihydro-1*H*-inden-2-yl}-2-chloro-6*H*-thieno[2,3-*b*]pyrrole-5-carboxamide;~~

N-{(1*R*,2*R*)-1-[(tert-butoxycarbonylmethyl)amino]-2,3-dihydro-1*H*-inden-2-yl}-2-chloro-6*H*-thieno[2,3-*b*]pyrrole-5-carboxamide;

~~*N*-{(1*R*,2*R*)-1-(carboxymethylamino)-2,3-dihydro-1*H*-inden-2-yl}-2-chloro-6*H*-thieno(3,2,*b*]pyrrole-5-carboxamide;~~

N-{(1*R*,2*R*)-1-(carboxymethylamino)-2,3-dihydro-1*H*-inden-2-yl}-2-chloro-6*H*-thieno[3,2-*b*]pyrrole-5-carboxamide;

~~2-chloro-*N*-{(1*R*,2*R*)-1-[(hydroxyacetylamino]-2,3-dihydro-1*H*-inden-2-yl}-6*H*-thieno[2,3-*b*]pyrrole-5-carboxamide;~~

2-chloro-*N*-{(1*R*,2*R*)-1-[(hydroxyacetyl)amino]-2,3-dihydro-1*H*-inden-2-yl}-6*H*-thieno[2,3-*b*]pyrrole-5-carboxamide;

2,3-dichloro-*N*-{(1*R*,2*R*)-1-[(chloroacetyl)amino]-2,3-dihydro-1*H*-inden-2-yl}-4*H*-thieno[3,2-*b*]pyrrole-5-carboxamide;

~~*N*-{(1*R*,2*R*)-1-[((3*S*)-3-amino-3-carboxypropanoyl)amino]-2,3-dihydro-1*H*-inden-2-yl}-2,3-dichloro-4*H*-thieno(3,2,*b*]pyrrole-5-carboxamide;~~

N-{(1*R*,2*R*)-1-[((3*S*)-3-amino-3-carboxypropanoyl)amino]-2,3-dihydro-1*H*-inden-2-yl}-2,3-dichloro-4*H*-thieno[3,2-*b*]pyrrole-5-carboxamide;

~~*N*-{(1*R*,2*R*)-1-[(2-carboxyacetyl)amino]-2,3-dihydro-1*H*-inden-2-yl}-2,3-dichloro-4*H*-thieno(3,2,*b*]pyrrole-5-carboxamide;~~

N-{(1*R*,2*R*)-1-[(2-carboxyacetyl)amino]-2,3-dihydro-1*H*-inden-2-yl}-2,3-dichloro-4*H*-thieno[3,2-*b*]pyrrole-5-carboxamide;

~~*N*-{(1*R*,2*R*)-1-[(2-carboxyacetyl)amino]-2,3-dihydro-1*H*-inden-2-yl}-2-chloro-6*H*-thieno(3,2,*b*]pyrrole-5-carboxamide;~~

N-{(1*R*,2*R*)-1-[(2-carboxyacetyl)amino]-2,3-dihydro-1*H*-inden-2-yl}-2-chloro-6*H*-thieno[3,2-*b*]pyrrole-5-carboxamide;

~~*N*-{(1*R*,2*R*)-1-[((3S)-3-amino-3-carboxypropanoyl)amino]-2,3-dihydro-1*H*-inden-2-yl}-2-chloro-6*H*-thieno(3,2,*b*]pyrrole-5-carboxamide; and~~

N-{(1*R*,2*R*)-1-[((3S)-3-amino-3-carboxypropanoyl)amino]-2,3-dihydro-1*H*-inden-2-yl}-2-chloro-6*H*-thieno[3,2-*b*]pyrrole-5-carboxamide; and

2,3-dichloro-*N*-{(1*R*,2*R*)-1-[(methylsulfonyl)amino]-2,3-dihydro-1*H*-inden-2-yl}-4*H*-thieno[3,2-*b*]pyrrole-5-carboxamide;

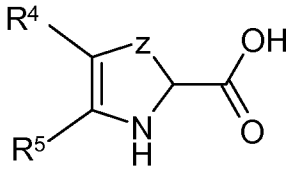
or a pharmaceutically acceptable salt or an in-vivo hydrolysable ester thereof.

13. (original) A pharmaceutical composition which comprises a compound claim 1 or a pharmaceutically acceptable salt or in-vivo hydrolysable ester thereof, in association with a pharmaceutically acceptable diluent or carrier.

14. (cancelled)

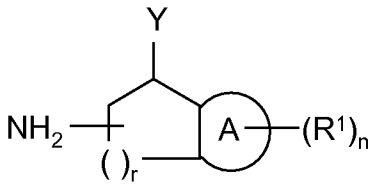
15. (original) A method for the treatment of type 2 diabetes in a warm-blooded animal, comprising administering a compound of claim 1, or a pharmaceutically acceptable salt or in-vivo hydrolysable ester thereof.

16. (original) A process for the preparation of claim 1, which process comprises:
reacting an acid of the formula (2)



(2)

or an activated derivative thereof; with an amine of formula (3)



(3)

and thereafter if necessary

i) converting a compound of the formula (1) into another compound of the formula (1);

ii) removing any protecting groups; or

iii) forming a pharmaceutically acceptable salt or in-vivo hydrolysable ester.

17. (new) A compound of claim 1, selected from:

N-[(1*R*,2*R*)-1-amino-2,3-dihydro-1*H*-inden-2-yl]-2-chloro-6*H*-thieno[2,3-*b*]pyrrole-5-carboxamide; and

tert-butyl ((1*R*,2*R*)-2-{[(2-chloro-6*H*-thieno[2,3-*b*]pyrrol-5-yl)carbonyl]amino}-2,3-dihydro-1*H*-inden-1-yl)carbamate.